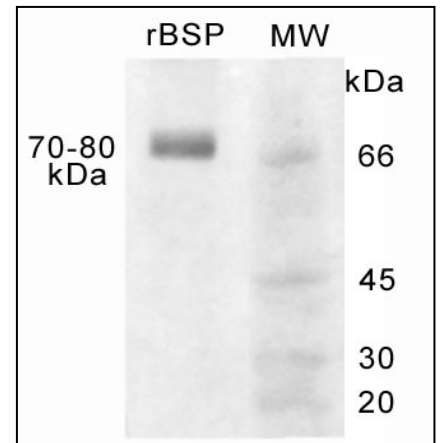


Data Sheet

HUMAN BONE SIALOPROTEIN

RECOMBINANT

Catalog no.:	A 1004AG.1 / A 1004AG.2
Protein:	Human Bone Sialoprotein, N-terminal His-Myc-EK-tag
Synonyms:	Bone sialoprotein 2, BSP2, Cell-binding sialoprotein, Integrin-binding sialoprotein
Swiss-Prot No:	P21815
Gene Information:	Gene name: IBSP GenelD: 3381
Source:	Produced serum-free in HEK cell line
Purification:	Affinity chromatography
Storage buffer:	50 mM TRIS/HCl, 300 mM NaCl, pH 8.0
Purity:	> 95% (SDS-PAGE), reduced band at 70-80 kDa
Identity:	Western Blot with specific monoclonal Ab
Contents:	10 µg / 100 µg (lyophilized)



Resuspend in aqua bidest. for required concentration

Store at: - 20 °C

Repeated thawing and freezing must be avoided

Reference:

1. Wuttke M, Muller S, Nitsche DP, Paulsson M, Hanisch FG, Maurer P (2001). Structural characterization of human recombinant and bone-derived bonesialoprotein. Functional implications for cell attachment and hydroxyapatite binding. *J Biol Chem* **276**(39):36839-48.
2. Hilbig H, Kirsten M, Rupiotta R, Graf HL, Thalhammer S, Strasser S, Armbruster FP (2007). Implant surface coatings with bone sialoprotein, collagen, and fibronectin and their effects on cells derived from human maxillar bone. *Eur J Med Res* **12**:6-12.

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